

Date: Thursday, 9/14/2006 7:30:54 AM  
 User: Kim Johnston

## Process Sheet

Customer : CU-DAR001 Dart Helicopters Services	Drawing Name : BLOWER MOTOR SUPPORT
Job Number : 28587	
Estimate Number : 12307	
P.O. Number : N/A	Part Number : D34713
This Issue : 9/14/2006 S.O. No. : N/A	Drawing Number : D3471 REV.A
Prsht Rev. : NC	Project Number : N/A
First Issue : N/A Type : SMALL / MED FAB	Drawing Revision : A
Previous Run : 27029	Material : N/A
Written By : <u>[Signature]</u>	Due Date : 10/6/2006 Qty: 8 Um: Each
Checked & Approved By : <u>[Signature]</u>	
Comment : est rev A 06.03.02 New issue EC	

## Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
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1.0	M2024T3S063	2024-T3 .063 sheet
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Comment: Qty.: 0.0931 sf(s)/Unit Total : 0.7451 sf(s)

2024-T3 .063 sheet

Batch: M101022

M 06 09 27

2.0	WATER JET	FLOW WATER JET
-----	-----------	----------------



Comment: FLOW WATER JET

Cut as per Dwg D3471

Dwg Rev: A

Prog Rev: A

M 06 09 27

8

3.0	QC2	INSPECT PARTS AS THEY COME OFF MACHINE
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Comment: INSPECT PARTS AS THEY COME OFF MACHINE

M 06 09 27

8

4.0	QC8	SECOND CHECK
-----	-----	--------------



Comment: SECOND CHECK

06 09 28

5.0	SMALL FAB 1	SMALL & MEDIUM FAB RESOURCE 1
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Comment: SMALL & MEDIUM FAB RESOURCE 1

1-Deburr

SAD 06 10 02


8

2-Bend as per dwg D3471

SB 06 / 10 / 03

8

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes ☒ No ☐ DQA:  Date: 26/10/04  
 QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Thursday, 9/14/2006 7:30:54 AM  
User: Kim Johnston

## Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: BLOWER MOTOR SUPPORT

Job Number: 28587

Part Number: D34713

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

QC5

INSPECT WORK TO CURRENT STEP



*Joe 10-03*



Comment: INSPECT WORK TO CURRENT STEP

7.0

HAND FINISHING1

HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1

Chemical Conversion Coat as per QSI 005 4.1

*FF 06-10-03 8*

8.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION

*SB 06/10/03 8*

9.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: *GA*

*SB 06/10/03 8*

10.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

*SD 06/10/04*

Job Completion



*CL 06/10/04*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

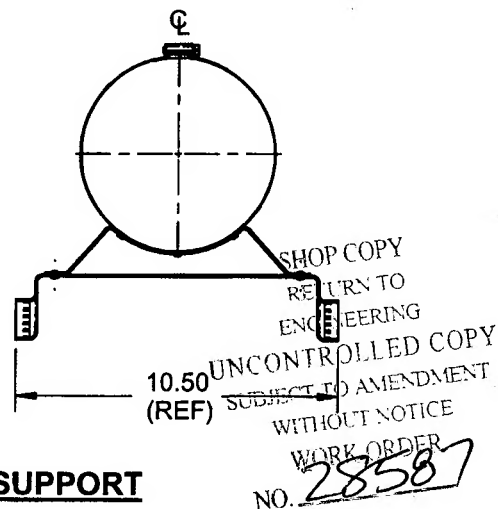
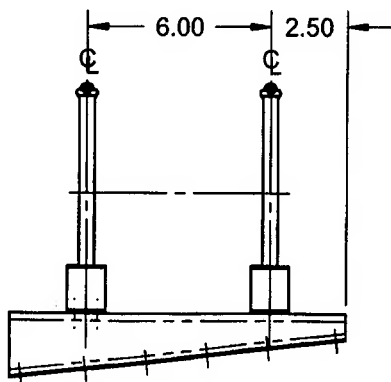
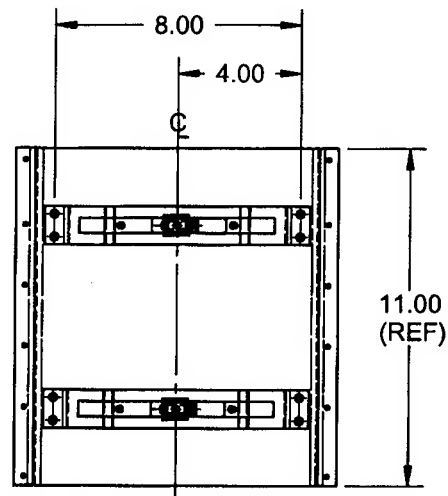
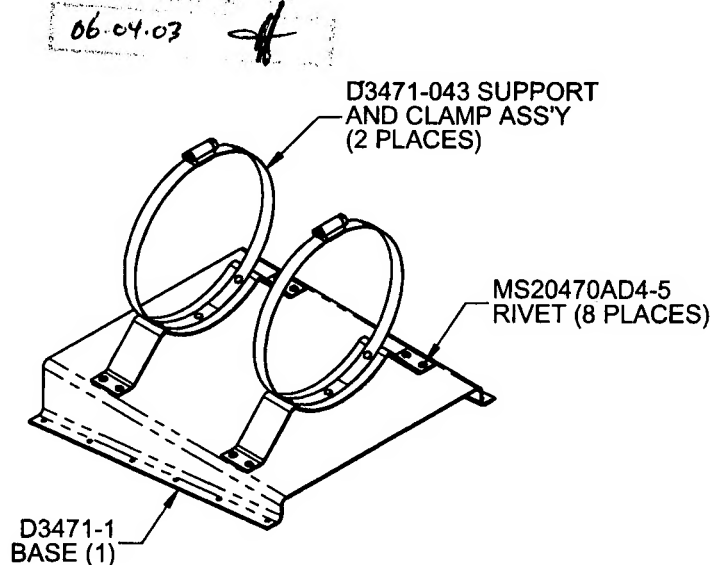
QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. <b>D3471</b>	REV. A SHEET 1 OF 5
DATE <b>05.12.21</b>		TITLE <b>BLOWER MOTOR SUPPORT</b>	SCALE 1:6
A	05.12.21	NEW ISSUE	



### D3471-041 BLOWER MOTOR SUPPORT

#### NOTES:

- 1) IDENTIFY WITH DART P/N D3471-041 USING FINE POINT PERMANENT INK MARKER
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

QTY -041	P/N	DESCRIPTION
X	D3471-041	BLOWER MOTOR SUPPORT
2	D3471-043	SUPPORT AND CLAMP ASSEMBLY
1	D3471-1	BASE
8	MS20470AD4-5	RIVET

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CHECKED H	APPROVED H	DRAWING NO. <b>D3471</b>	REV. A SHEET 2 OF 5
DATE <b>05.12.21</b>		TITLE <b>BLOWER MOTOR SUPPORT</b>	SCALE 1:3

06.04.03

LOCATE AND TRANSFER DRILL  
#30 ( $\phi 0.129$ ) THRU HOLE FROM  
D3471-3 TO MS35842-16 CLAMP  
AND C'SINK  $\phi 0.230 \times 100^\circ$   
(3 PLACES)

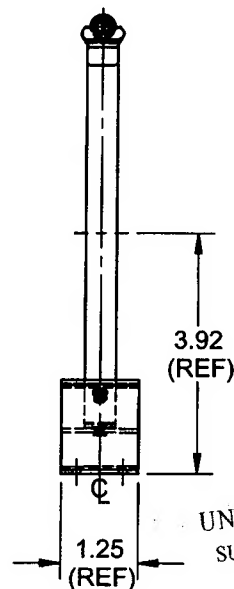
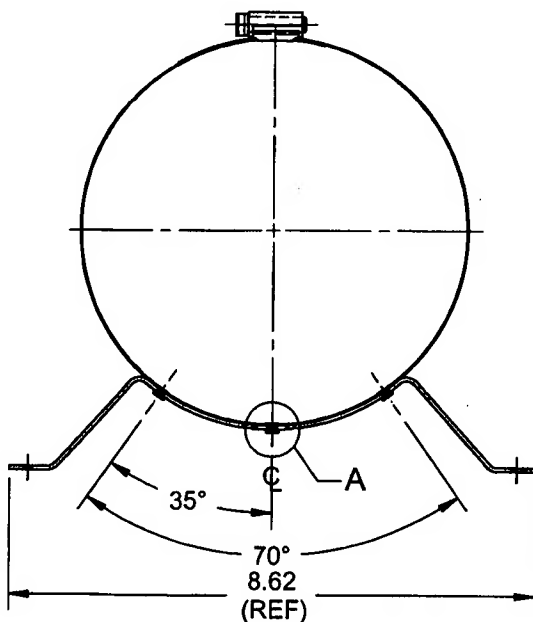


**DETAIL A: COUNTERSINK HOLES**  
(RIVET NOT SHOWN FOR CLARITY)  
SCALE 1:1

MS20427M4-4 RIVET  
(3 PLACES)

MS35842-16  
CLAMP

D3471-3  
SUPPORT



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WITHOUT NOTICE  
WORK ORDER  
NO. 28587

### **D3471-043 SUPPORT & CLAMP ASS'Y**

#### **NOTES:**

- 1) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 2) ALL DIMENSIONS ARE IN INCHES
- 3) BREAK ALL SHARP EDGES 0.005 TO 0.010

QTY -043	P/N	DESCRIPTION
X	D3471-043	SUPPORT AND CLAMP ASSEMBLY
1	D3471-3	SUPPORT
3	MS20427M-4	RIVET
1	MS35842-16	CLAMP

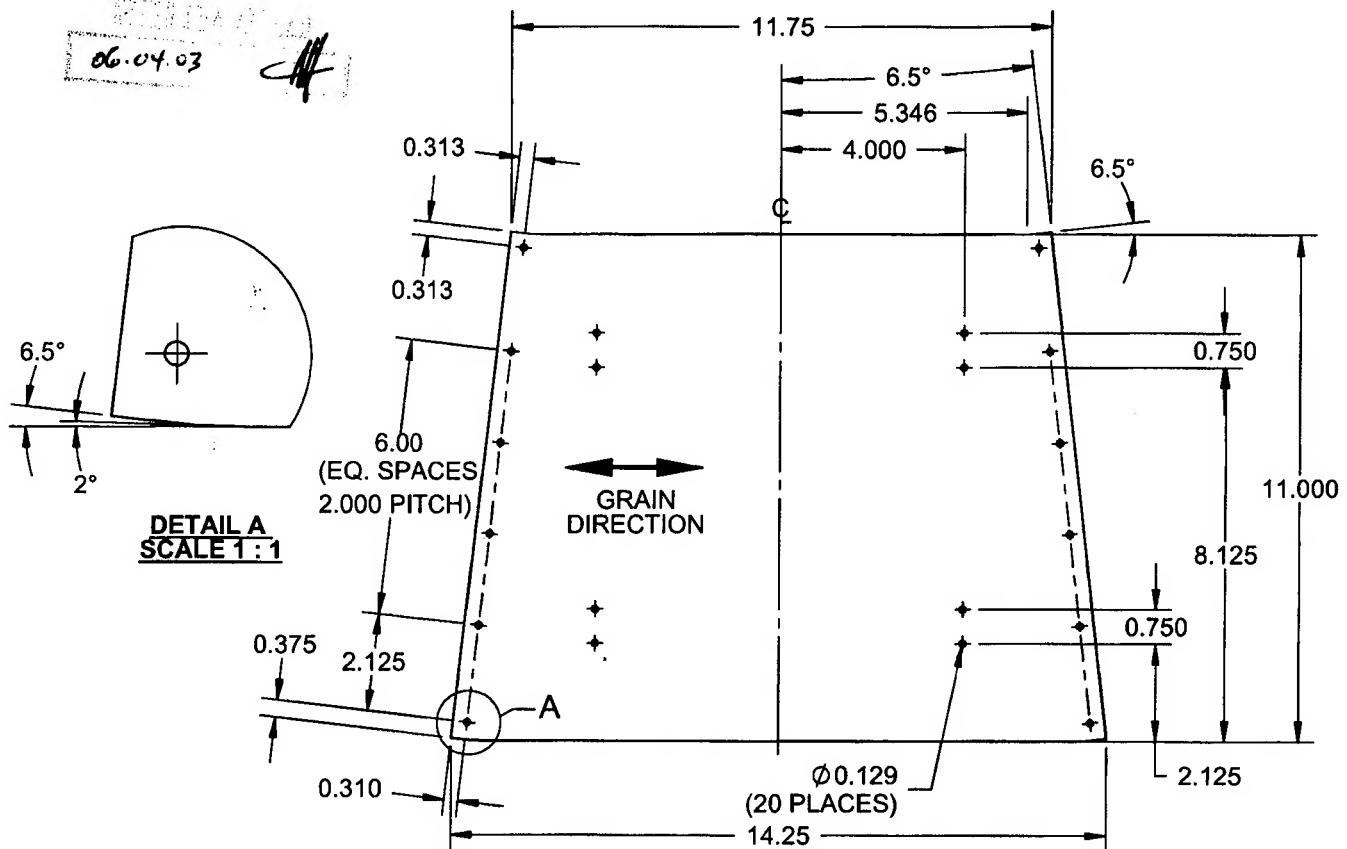
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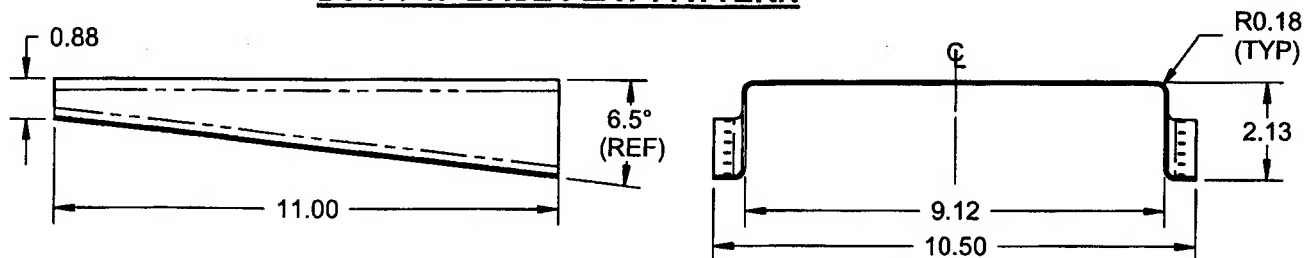


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DATE <b>05.12.21</b>		TITLE <b>BLOWER MOTOR SUPPORT</b>	SCALE 1:4



### D3471-1F BASE FLAT PATTERN



### D3471-1 BASE BENDING DETAIL

#### NOTES:

- 1) MATERIAL: 2024-T3 ALUMINUM SHEET (0.063" THICK)  
PER QQ-A-250/4 OR AMS 4037  
(REF. DART SPEC. M2024T3S.063)
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) PART IS SYMMETRICAL ABOUT CENTER LINE
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010

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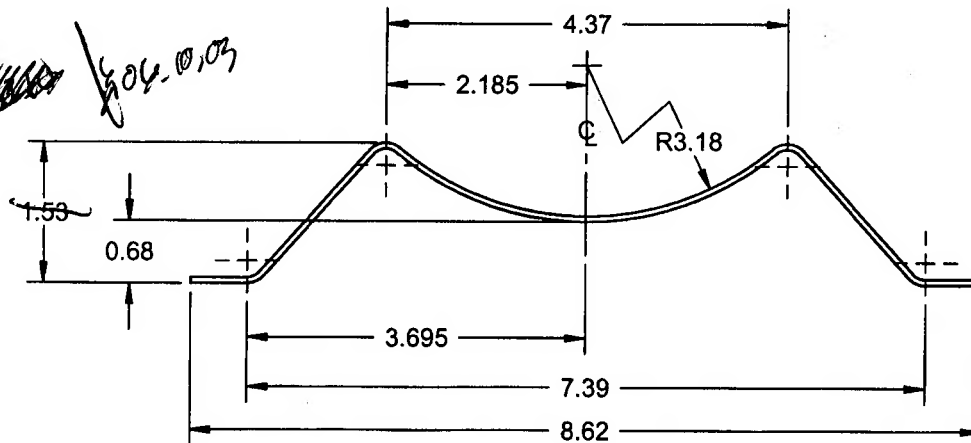
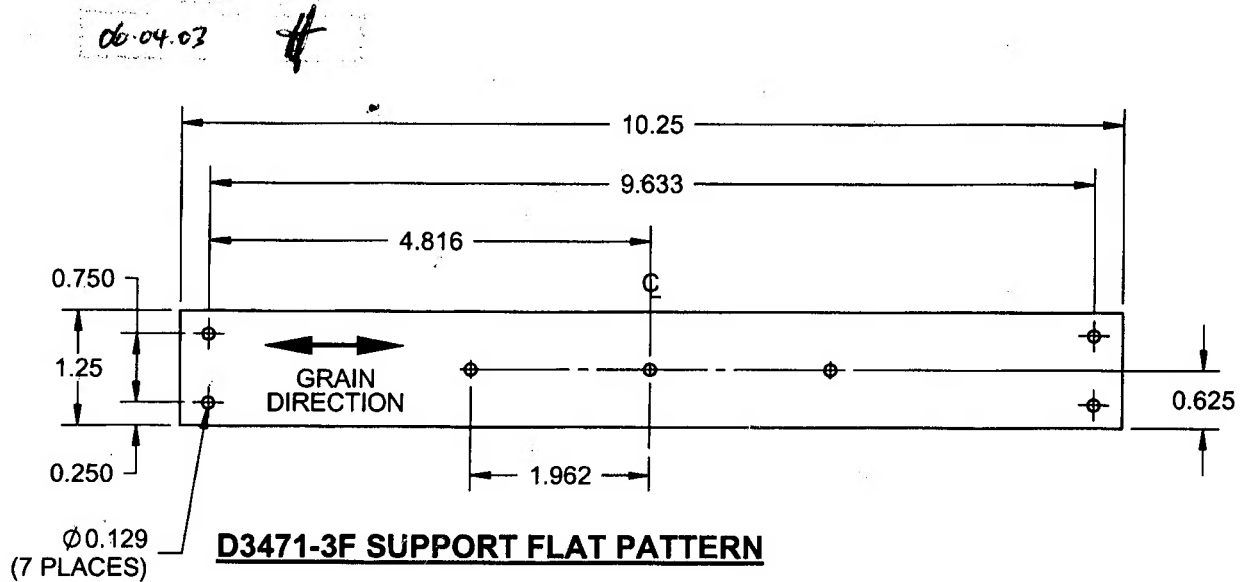
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DATE 05.12.21		TITLE BLOWER MOTOR SUPPORT	SCALE 1:2

**NOTES:**

- 1) MATERIAL: 2024-T3 ALUMINUM SHEET (0.063 THICK)  
PER AMS-QQ-A-250/4 OR AMS 4037  
(REF. DART SPEC. M2024T3S.063)
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 2) PART IS SYMETRICAL ABOUT CENTER LINE
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010

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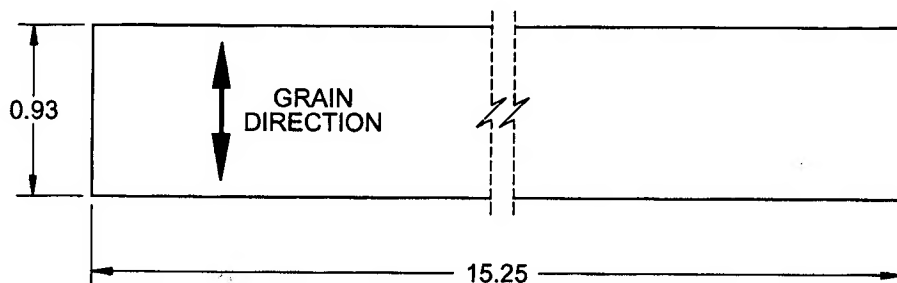
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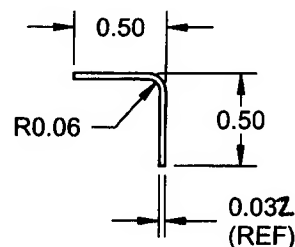


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CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. <b>D3471</b>	REV. A SHEET 5 OF 5
DATE <b>05.12.21</b>		TITLE <b>BLOWER MOTOR SUPPORT</b>	SCALE 1:1

06.04.03 *[Signature]*



**D3471-5F STIFFENER FLAT PATTERN**



**D3471-5 STIFFENER BENDING DETAIL**

**D3471-5 STIFFENER**

**NOTES:**

- 1) MATERIAL: 2024-T3 ALUMINUM SHEET (0.032" THICK)  
PER QQ-A-250/4 OR AMS 4037  
(REF. DART SPEC. M2024T3S.032)
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) BREAK ALL SHARP EDGES 0.005 TO 0.010

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